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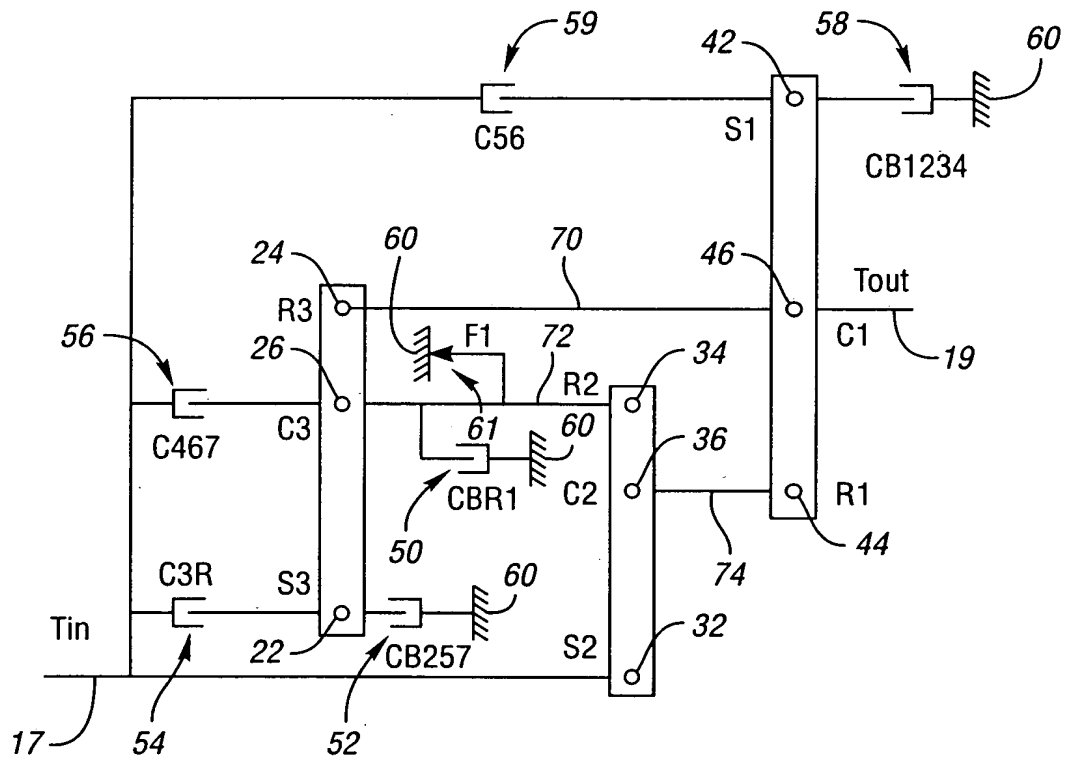


FIG. 1

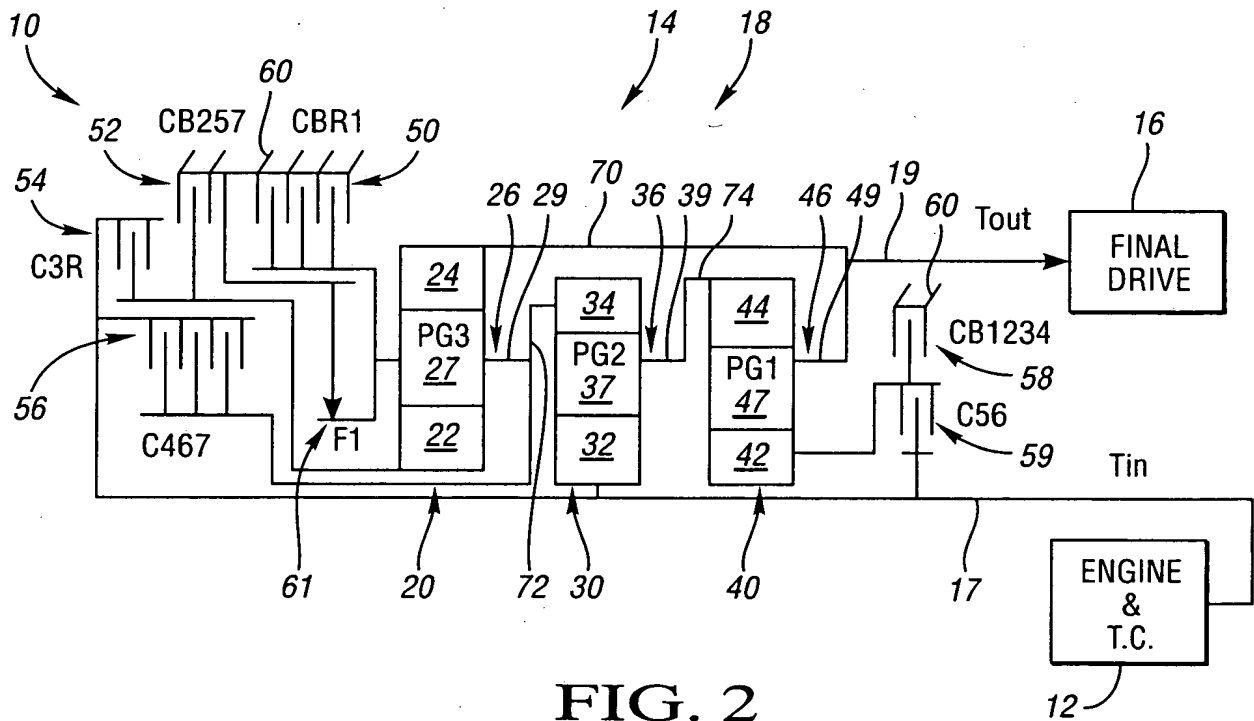


FIG. 2

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GEARSETS (Tooth Counts or Ratios)

	TEST	S	Ps	Pr	R
40 → GS1	Simple	1	0.625		2.25
30 → GS2	Simple	1	0.875		2.75
20 → GS3	Simple	1	1.25		3.5

FIG. 3a

R/S Ratio	R1/S1	R2/R3	R3/R3			
	2.25	2.75	3.50			
P/S Ratio	P1/S1	P2/S2	P3/S3			
	0.63	0.88	1.25			

FIG. 3b

FIXED CONNECTIONS	
46 → PC1	R3 ← 24
46 → PC1	Output ← 19
36 → PC2	R1 ← 44
26 → PC3	R2 ← 34
17 → Input	S2 ← 32

FIG. 3c

CLUTCHING TABLE			Clutching Elements (name/type/gear node connections)							
			CBR1 50 Clutch	CB257 52 Clutch	C3R 54 Clutch	C467 56 Clutch	CB1234 58 Clutch	C56 59 Clutch		
GEAR STATE	Gear Ratio	Ratio Step	PC3 Ground	S3 Ground	Input S3	Input PC3	S1 Ground	Input S1		
Rev	-3.500		X		G					
N		-0.65	O							
1st	5.417		X				Ground			
2nd	3.278	1.65		X			x			
3rd	2.034	1.61			x		x			
4th	1.444	1.41				x				
5th	1.229	1.18		x				x		
6th	1.000	1.23				X				
7th	0.778	1.29		x		x		x		
8th										
Overall Ratio: 6.96										

X -- On, carrying torque G -- Garage-shift element, on and carrying torque
O -- On, NOT carrying torque C -- On only for manual range Coast braking

FIG. 3d